| | | | | | | | | | | | • | Sheet <u>1</u> | _of1 | 1 |
|---|----------|----------------|-----------------|--------|----------|-------------------------------|------------------|----------|---|--|------|--|------------------------------|-------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE | | | | | - | ATTY. DOCKET NO. 944-003.3 | | | RIAL NO. | | | | | |
| (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE | | | | | | E. | 09/499,0 | | | | | | | |
| | 11 | IFO | RMAT | ION DI | SCLO | SURE CONT | ah o | 1. | APPLICANT | | | | | |
| | 3 | 141 | CIAICIA | | 7 | CALC | e Mar | 띪 | Parantainen et al | | | | | |
| | (U: | se s | everal | sheets | s if n | cessa | ash 'L | 9 | FILING DATE | | | OUP | _ | |
| (37 CFR 1.9 | | | | | | | · | <u> </u> | 2/4/00 | | 2 | 739 2664 | <u> </u> | |
| | | | | | | V | EN EN AT | EN. | T DOCUMENTS | | | | | |
| EXAMINER INITIAL | | DC | OCUMENT NUMBER | | | | ISSUE DATE | | PATENTEE | CLASS | | SUBCLASS | FILING DATE IF APROPRIATE | |
| | AA | | | | | | | | | | | | | _ |
| | AB | | | | | | | | | | | | | |
| | AC | | | \top | | | | | | | | | | |
| | AD | | \Box | 11 | \top | \sqcap | | | | | | | | |
| | AE | \vdash | \vdash | †† | \top | \sqcap | | | · | 1 | | | | |
| | AF | T | + | † † | \top | | | - | | | - | | | |
| | AG | \vdash | + | ++ | + | ++ | | | <u>-</u> | | | | | |
| | AH | \vdash | + | ++ | + | + | | | | † | | | | |
| | AI | \vdash | - | ++ | ╁ | \vdash | | | | | | | | |
| | AJ | ┢ | \vdash | 11 | +- | \Box | | | | | | | | |
| | AK AK | ┝ | $\vdash \vdash$ | ╂╌┼╴ | + | ╁┼┼ | · | | | | | | | |
| | IVV | 1 | <u> </u> | | | | EODEICH C | | NT DOCUMENTS | ٠ | | <u>I</u> | L | |
| | 1 | 1 | | | | | 1 | AH | ENT DOCUMENTS | 1 | | | | |
| | | DC | CUM | ENT N | IUMI | 1 | PUBLICATION DATE | | COUNTRY | CLAS | ss | SUBCLASS | | LATIO |
| | | | | 1 1 | | 1 | | | | - | | | YES | NO |
| | AL | | | Ш | ┸ | | | | | | | | YES NO | |
| | AM | | | | | | | | | | | | | } |
| | AN | | | П | 1 | П | | | | | | | | |
| | AO | | | 11 | T | | | | | | | | | 1 |
| | AP | | | T | T | | | | | | | <u> </u> | | |
| | JED (| ·— | ~!!!! | CNT | <u> </u> | | lima Assahas | T: | tle, Date, Relevant | D | Dia | an of Dubl | liootio- | - \ |
| - 011 | т — | T | | | | | | | Systems (Phase 2+); | | | | | |
| ૯.૬ ૬ | AR | - | | | | | | | | | | | | |
| —————————————————————————————————————— | | L | Mob | ile St | ation | etc. | GSM 04.60 \ | Vers | ion 6.1.0) European T | elecom | nun | ications Star | ndards l | inst. |
| | AS | | GSM | 04.6 | i" 0 | Digita | l Cellular Tel | eco | mmunications System | (Phase 2 | +); | ; General Pa | cket Ra | adio |
| C.6.5 | | Г | Servi | ice (C | PRS | S); Ra | dio Link Con | itro | /Medium Access Cont | rol (RLC | C/M | IAC protoco | l", July | 1998 |
| | AT | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| EXAMINER | | | | n | | . n | | | DATE CONSIDERED | | | | | |
| | | /// | | | | | | | 2/23/04 | | | | | |
| | | $oldsymbol{L}$ | | my) | ₩ | <u>~_</u> | | | 1 212311 | , ~I | | | | |
| EXAMINI | | \angle | | oitati | Or · | onne: | idered who | th: | r or not citation in | in conf | For- | mance with | h MDE | D EUG |
| | | | | | | | | | r or not citation is and not considere | | | | | |

next communication to applicant.

Notice of References Cited Application/Control No. 09/499,009 Applicant(s)/Patent Under Reexamination PARANTAINEN ET AL. Examiner Chirag G Shah Art Unit Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-----------------|----------------|
| | Α | US-6,477,181 | 11-2002 | Fujimori et al. | 370/476 |
| | В | US-6,490,271 | 12-2002 | Erjanne, Juha | 370/347 |
| | С | US-6,529,497 | 03-2003 | Hjelm et al. | 370/347 |
| | D | US-6,532,225 | 03-2003 | Chang et al. | 370/341 |
| | Е | US- | | | |
| | F | US- | | | |
| | G | US- | | | |
| | н | US- | | | |
| | ı | US- | | | |
| | J | US- | | | |
| | К | US- | | | |
| | L | US- | | | |
| | М | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | 0 | | | | | |
| | Р | | | | | |
| | O | | | | | |
| | R | | | | | |
| | s | | | | | |
| | Ť | | | | | |

NON-PATENT DOCUMENTS

| NON-FATENT DOCUMENTS | | | | | | | | | | | |
|----------------------|---|---|--|--|--|--|--|--|--|--|--|
| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) | | | | | | | | | |
| | C | | | | | | | | | | |
| | ٧ | | | | | | | | | | |
| | w | | | | | | | | | | |
| | х | | | | | | | | | | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.





Sheet 1 of 1

FORM PTO-1449

U.S. DEARTMENT OF COMPLICE

(Modified)

U.S. DEARTMENT OF COMPLICE

PATENT OF TRADEMARY OFFICE

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

ATTY. DOCKET NO. SERIAL NO. 944-003.003 09/499,009

| (Modified) | | | PA | CLL | • | \% | 40 | EMARIE | 944-003.003 APPLICANT | 9/499,009 | | | | |
|---------------------|--------------|--|----------|----------|----------|-----------|----------|------------------|--------------------------|-----------|-----|--------------|-----------------------------|--|
| | | | | T BY | | | | | J. Parantainen et al. | | | | | |
| | (Use : | seve | ral | shee | ts i | f ne | ces | sarv) | FILING DATE | | l . | OUP | | |
| (37 CFR 1.98 | | | | | | | | | February 4, 20 | 00 | 27 | 30 266 | ì | |
| | | | | | | | | U.S. PATEN | T DOCUMENTS | | | | | |
| EXAMINER INITIAL | D | OCL | JME | ENT | NU | ME | ER | ISSUE DATE | PATENTEE | CLAS | ss | SUBCLASS | FILING DATE S IF APROPRIATE | |
| | | T | Τ | | | | | | | 1 | - | | | |
| | | | | | | | | | | | | | | |
| | | L | L | | | | | | | <u> </u> | | ļ | | |
| · · | | ╀ | ╀ | \vdash | | _ | | | | | | | | |
| | | ┢ | ╁ | Н | | | \vdash | | <u> </u> | | | | | |
| | | | | | | | | FOREIGN PAT | ENT DOCUMENTS | | | | | |
| | | | <u> </u> | | | | • | PUBLICATION | | | | | TRANSLATION | |
| | D | OCUMENT NUMBER | | | | | | DATE | COUNTRY | CLAS | SS | SUBCLASS | YES | МО |
| 6.9.5 | 1 | 0 | 2 | 1 | 0 | 1 | 7 | 07/19/00 | EP | | | | | 丄 |
| c.g.s | 9 | 9 | 4 | 8 | 3 | 1 | 0 | 09/23/99 | PCT | | | | | \perp |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | $oxed{oxed}$ |
| OTHE | R DO | CU | ıM | EN 1 | rs. | (Ir | rch | uding Author. Ti | itle Date Relevant | Pages. | Pla | ce of Pub | lication) | |
| | | CUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) International Search Report dated June 25, 2001 (3pp) and notification | | | | | | | | | | | | |
| 0.95 | | ┿ | | | | | | al (3pp). | • | | | | | |
| | | + | | | | | | (-pp) | | | | | | |
| | | ╁ | | | | | | | | | | | | |
| | | ╁╌ | | <u>-</u> | | | | | | | | - | | <u>. </u> |
| | | ╁ | | | _ | | | | | | | | | |
| | | ╁ | | | | | | | | | | | | |
| 1 | + | ╀ | | | | | | | | | | | | |
| | | ╁ | | | | | | | | | | | - | |
| | \dashv | + | | | | | | | | | | | | |
| | | ╄ | - | | | | | | | | | | | |
| EXAMINER | | | | | | | | | DATE CONSIDERED | <u> </u> | | · | | |
| EARIMINEN / | | , | | 1 | ! | | | | . | • | | | | |
| /_ | <u>~ //w</u> | 4 | A | W/ | <u>~</u> | | | | 10/2/03 | | | | | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JUN 1 4 2002